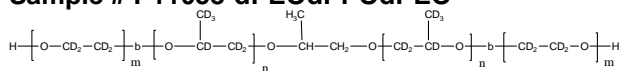


Sample Name:

Poly(deuterated ethylene oxide-b-deuterated propylene oxide-b-deuterated ethylene oxide)

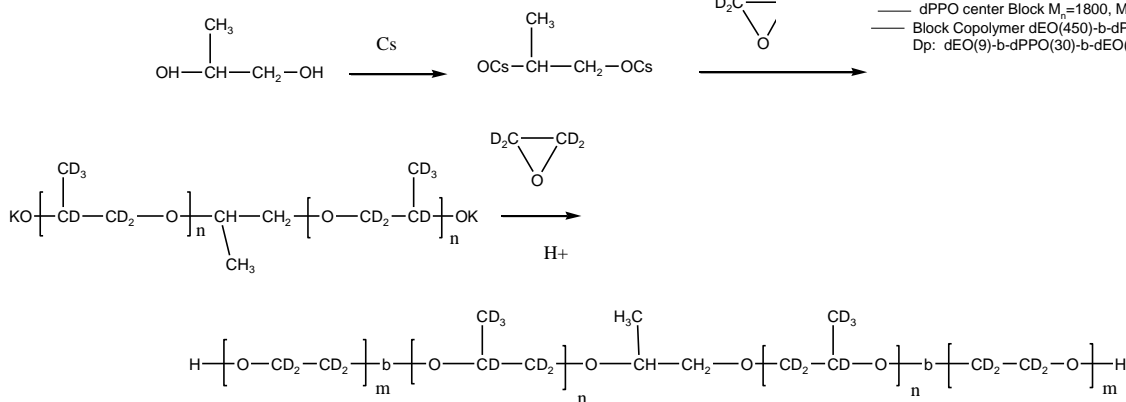
Sample # P11058-dPEOdPPOdPEO



Composition:

Mn x 10 ³	PDI
0.45-b-1.8-b-0.45	1.22

Synthesis Procedure: By anionic process using deuterated monomers.

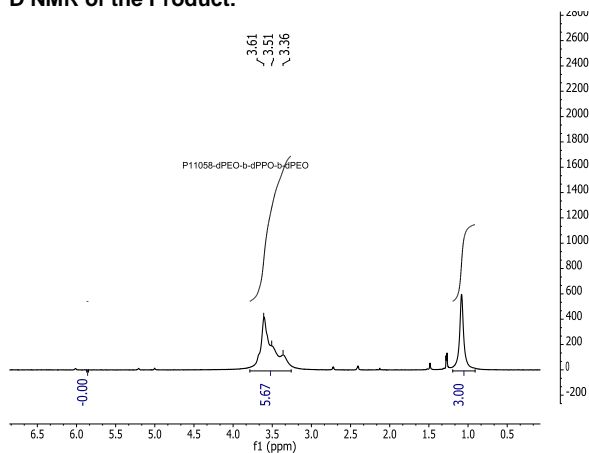


Characterization:

The molecular weight and polydispersity index of this polymer were determined by size exclusion chromatography (SEC) using a Varian liquid chromatograph equipped with a UV and refractive index detector.

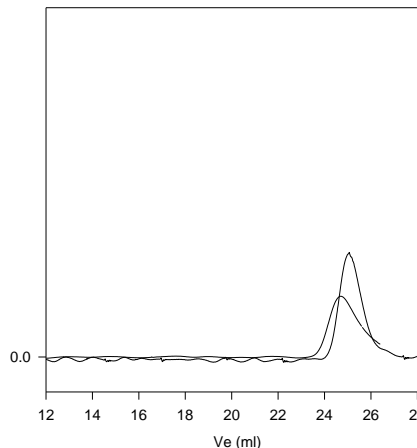
Solubility: Polymer is soluble in THF, CHCL3, Toluene.

D NMR of the Product:



SEC:

P11058-dPEOdPPOdPEO



Size exclusion chromatography of:
(deuterated ethylene oxide)₄₄-deuterated propylene oxide₄₆-deuterated ethylene oxide₄₄ triblock copolymer :

— dPPO center Block M_n=1800, M_w=2200, PI=1.2
— Block Copolymer dEO(450)-b-dPPO(1800)-b-dEO(450), PI=1.22
Dp: dEO(9)-b-dPPO(30)-b-dEO(9)